

Please type a plus sign (+) inside this box [+]

Approved for use through 10/31/2002. OMB 0651-0032
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| UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))               |
|--|
| Attorney Docket No. 42390.P10981 (maximum 12 characters)  First Named Inventor David A. Wyatt                        |
| Title: METHOD AND APPARATUS FOR MANAGING PHYSICAL AND VIRTUAL RESOURCES WITHIN A MULTI-FUNCTIONAL INTEGRATED CHIPSET |
| Express Mail Label No. EL867648902US   |
| ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D. C. 20231                        |

|    | See MPEP chapter 600 concerning utility patent application contents. |  |  |  |  |  |  |
|----|--|--|--|--|--|--|--|
| 1. | X  | Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)  |  |  |  |  |  |
| 2. |  | Applicant Claims Small Entity Status. (37 CFR 1.27)  |  |  |  |  |  |
| 3. | <u>X</u>   | Specification (Total Pages) (preferred arrangement set forth below) - Cover page - Descriptive Title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure |  |  |  |  |  |
| 4. | X  | Drawings(s) (35 USC 113) (Total Sheets <u>6</u> )  |  |  |  |  |  |
| 5. | X  | Oath or Declaration (Total Pages <u>5</u> )  |  |  |  |  |  |
|    |  | a Newly Executed (Original or Copy)  |  |  |  |  |  |
|    |  | b Copy from a Prior Application (37 CFR 1.63(d)) (for Continuation/Divisional with Box 18 completed)   |  |  |  |  |  |
|    |  | i. <u>DELETIONS OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).   |  |  |  |  |  |
|    |  | c. X Unsigned.   |  |  |  |  |  |
| 6. |  | Application Data Sheet. (37 CFR 1.76)  |  |  |  |  |  |
| 7. |  | CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  |  |  |  |  |  |
| 8. | (if applicable,  | Nucleotide and/or Amino Acid Sequence Submission all necessary)  Computer Readable Form (CRF)  |  |  |  |  |  |
| -  | b  | Specification Sequence Listing on. iCD-ROM or CD-R (2 copies), or ii paper Statement verifying identity of above copies  |  |  |  |  |  |

| ACCOMPANYING APPLICATION PARTS  |        |  |  |  |
|---|--------|--|--|--|
| 9 Assignment Papers (cover sheet & documents(s)) 10 a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)   |        |  |  |  |
| b. Power of Attorney  |        |  |  |  |
| 11 English Translation Document (if applicable)   |        |  |  |  |
| 12 a. Information Disclosure Statement (IDS)/PTO-1449   |        |  |  |  |
| b. Copies of IDS Citations  |        |  |  |  |
| 13 Preliminary Amendment  |        |  |  |  |
| 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  |        |  |  |  |
| 15 Certified Copy of Priority Document(s) (if foreign priority is claimed)  |        |  |  |  |
| 16 Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.   |        |  |  |  |
| 17 Other:   |        |  |  |  |
| 18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:   |        |  |  |  |
| Continuation Divisional Continuation-in-part (CIP) Of Prior Application No.:  (which is a continuation/ divisional/ CIP of prior application no , which is a continuation/ divisional/ CIP of prior application no , Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority. For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18B. Statement under 37 CFR 3.73(b) for continuing application: The undersigned states that (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No Frame No (or a copy of which is attached). | h<br>g |  |  |  |
| 19. Correspondence Address  |        |  |  |  |
| X Customer Number or Bar Code Label 008791 Or (Insert Customer No. or Attach Bar Code Label here X Correspondence Address Below   | ∍)     |  |  |  |
| NAME Michael J. Mallie  | -      |  |  |  |
| BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  |        |  |  |  |
| ADDRESS 12400 Wilshire Boulevard  | -      |  |  |  |
| Seventh Floor   |        |  |  |  |
| CITY Los Angeles STATE California ZIP CODE 90025-1026   | -      |  |  |  |
| Country <u>U.S.A.</u> TELEPHONE <u>(408) 720-8300</u> FAX <u>(408) 720-9397</u>   |        |  |  |  |
| Name (PRINT/TYPE):Michael J. Mallie Registration No.:36,591   |        |  |  |  |
| Signature: Date: _December 28, 2001   |        |  |  |  |

SUBTOTAL (2) \$ 300.00

| TOTAL AMOUNT OF PAYMENT (\$)   \$1040.00   | Under the Paper                         | work Reduction | Patent and Trademark<br>Act of 1995, no persons are required to respond to a collection | Office: U.S. DEPARTME of information unless it displays |  |  |  |  |  |  |
|--|---|----------------|---|---|--|--|--|--|--|--|
| Complete if Known: Application No. Unassigned  | FEE TRANSMITTAL FOR FY 2002             |                |   |   |  |  |  |  |  |  |
| Complete if Known: Application No. Unassigned  |   |                | TOTAL AMOUNT OF PAYMENT (\$)  | \$1040.00   |  |  |  |  |  |  |
| Application No.  | Complete if Known:                      |                | TOTAL AMOUNT OF TATMENT (9)   | <u> </u>  |  |  |  |  |  |  |
| Filing Date  |   | Unassign       | ned   |   |  |  |  |  |  |  |
| Caroup Art Unit  |   |                |   |   |  |  |  |  |  |  |
| Examiner Name  |   |                |   |   |  |  |  |  |  |  |
| METHOD OF PAYMENT (check one)   1.   |   |                |   |   |  |  |  |  |  |  |
| METHOD OF PAYMENT (check one)   1.   |   |                |   |   |  |  |  |  |  |  |
| 1.   | Attorney Docket No                      | 42390.P1       | 10981   |   |  |  |  |  |  |  |
| any over payments to:    Deposit Account Number   Deposit Account Name   Deposit Account Name  |   | •              | •   |   |  |  |  |  |  |  |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  |   |                | •   | icated fees and cred                                    | it   |  |  |  |  |  |
| [ ] Applicant claims small entity status. See 37 CFR 1.27  2. X Payment Enclosed: X Check Money Order Other  FEE CALCULATION  1. BASIC FILING FEE  Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid 101 740 201 370 Utility application filing fee 740,00 106 330 206 165 Design application filing fee 0 0 107 510 207 255 Plant filing fee 0 0 108 740 208 370 Reissue filing fee 0 0 114 160 214 80 Provisional application filing fee 0 0 114 160 214 80 Provisional application filing fee 0 0 114 160 214 80 Provisional application filing fee 0 0 114 160 214 80 Provisional application filing fee 0 0 114 160 214 80 Provisional application filing fee 0 0 115 Provisional application filing fee 0 0 116 Provisional application filing fee 0 0 116 Provisional application filing fee 0 0 117 Provisional application filing fee 0 0 118 Provisional Application |   |                |   |   |  |  |  |  |  |  |
| 2. X Payment Enclosed: X Check Money Order Other  FEE CALCULATION  1. BASIC FILING FEE  Large Entity Small Entity Fee Fee Fee Fee Fee Code (s) Code (s) Fee Description Fee Paid 101 740 201 370 Utility application filing fee 740.00 106 330 206 165 Design application filing fee 0 0 107 510 207 255 Plant filing fee 0 0 114 160 214 80 Provisional application filing fee 0 0 114 160 214 80 Provisional application filing fee 0 0 114 160 214 80 Provisional application filing fee 0 0 114 160 214 80 Provisional application filing fee 0 0 114 160 214 80 Provisional application filing fee 10 0 115 P   | [X] Char                                | ge Any Ac      | Iditional Fee Required Under 37 CFR 1.  | 16 and 1.17   |  |  |  |  |  |  |
| Money Order Other  | [ ] Appli                               | cant clain     | ns small entity status. See 37 CFR 1.27   | -n-222 022 2022 2020 2020 2020 2020 2020                | 78 28 8 <b>80</b> 0 5 68 2227 2 2 2246 2 226 2 |  |  |  |  |  |
| 1.   BASIC FILING FEE   Large Entity   Small Entity   Fee   Fee   Fee   Fee   Fee   Fee   Code   (\$)   Code   (\$)   Eee Description   Fee Paid   740.00   101   740   201   370   Utility application filing fee   0   0   106   330   206   165   Design application filing fee   0   0   107   510   207   255   Plant filing fee   0   0   108   740   208   370   Reissue filing fee   0   0   114   160   214   80   Provisional application filing fee   0   0   114   160   214   80   Provisional application filing fee   0   0   114   160   214   80   Provisional application filing fee   0   0   114   160   214   80   Provisional application filing fee   0   0   114   160   214   80   Provisional application filing fee   0   0   114   160   214   80   Provisional application filing fee   0   0   114   160   214   80   Provisional application filing fee   0   0   0   114   160   214   80   Provisional application filing fee   0   0   0   0   0   0   0   0   0   | 2. <u>X</u> Payn                        | nent Enclo     | Money Order   |   |  |  |  |  |  |  |
| Large Entity   Small Entity   Fee      | FEE CALCULATION                         |                |   |   |  |  |  |  |  |  |
| Fee  | 1. BASIC FILING                         | FEE            |   |   |  |  |  |  |  |  |
| Code (\$)   Code (\$)   Fee Description   Fee Paid   |   |                |   |   |  |  |  |  |  |  |
| 101  |   |                | Ess Description   |   | For Bold                                       |  |  |  |  |  |
| 106   330   206   165   Design application filing fee   0   0   0   0   0   0   0   0   0  | (,,                                     |                |   |   |  |  |  |  |  |  |
| 107   510   207   255   Plant filling fee   0   0   0   0   0   0   0   0   0  |   |                |   |   |  |  |  |  |  |  |
| 108  |   |                |   |   |  |  |  |  |  |  |
| 114  |   |                |   |   |  |  |  |  |  |  |
| SUBTOTAL (1) \$ 740.00   | l e e e e e e e e e e e e e e e e e e e |                |   |   |  |  |  |  |  |  |
| 2. EXTRA CLAIM FEES  Extra Claims  Extra 18.00  Extra   | 114 100 214                             | 00             | Provisional application filling lee   |   | <u> </u>                                       |  |  |  |  |  |
| Total Claims $32$ $-20^{**} = 12$ $X$ $18.00$ $= 216.00$ Independent Claims $4$ $-3^{**} = 1$ $X$ $84.00$ $= 0$ Multiple Dependent  **Or number previously paid, if greater; For Reissues, see below.  Large Entity Small Entity Fee Fee Fee Code (\$) Code (\$) Fee Description  103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 **Reissue independent claims over original patent  |   |                |   | SUBTOTAL (1) \$ <u>7</u>                                | 40.00  |  |  |  |  |  |
| Total Claims 32 $-20^{**} = 12$ $X 18.00 = 216.00$ Independent Claims 4 $-3^{**} = 1$ $X 84.00 = 0$ Multiple Dependent **Or number previously paid, if greater; For Reissues, see below.  Large Entity Small Entity Fee Fee Fee Code (\$) Code (\$) Fee Description 103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 **Reissue independent claims over original patent  | 2. EXTRA CLAIM                          | FEES           |   | Fee from  |  |  |  |  |  |  |
| Total Claims $32$ $-20^{**} = 12$ $X$ $18.00$ $= 216.00$ Independent Claims $4$ $-3^{**} = 1$ $X$ $84.00$ $= 84.00$ Multiple Dependent  **Or number previously paid, if greater; For Reissues, see below.  Large Entity Small Entity Fee Fee Fee Code (\$) Code (\$) Fee Description 103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 **Reissue independent claims over original patent   |   |                | Extra Claims  | below   | Fee Paid                                       |  |  |  |  |  |
| Independent Claims 4 - 3** = 1 X 84.00 = 84.00  Multiple Dependent  **Or number previously paid, if greater; For Reissues, see below.  Large Entity Small Entity Fee Fee Fee Code (\$) Code (\$) Fee Description  103 18 203 9 Claims in excess of 20  102 84 202 42 Independent claims in excess of 3  104 280 204 140 Multiple dependent claim, if not paid  109 84 209 42 **Reissue independent claims over original patent   | Total Claima 22                         |                | 20** 10   | V 40.00   |  |  |  |  |  |  |
| Multiple Dependent  **Or number previously paid, if greater; For Reissues, see below.  Large Entity Small Entity Fee Fee Fee Code (\$) Code (\$) Fee Description 103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 **Reissue independent claims over original patent   |   |                |   |   |  |  |  |  |  |  |
| **Or number previously paid, if greater; For Reissues, see below.  Large Entity Small Entity Fee Fee Fee Code (\$) Code (\$) Fee Description 103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 **Reissue independent claims over original patent   |   | 4_             | -3"" =  |   |  |  |  |  |  |  |
| Large EntitySmall EntityFeeFeeFeeCode(\$)Code(\$)103182039Claims in excess of 201028420242Independent claims in excess of 3104280204140Multiple dependent claim, if not paid1098420942**Reissue independent claims over original patent  |   |                |   |   | _0   |  |  |  |  |  |
| Fee Fee Fee Fee Code (\$) Code (\$) Fee Description  103 18 203 9 Claims in excess of 20  102 84 202 42 Independent claims in excess of 3  104 280 204 140 Multiple dependent claim, if not paid  109 84 209 42 **Reissue independent claims over original patent  |   |                |   |   |  |  |  |  |  |  |
| Code (\$) Code (\$) Fee Description  103 18 203 9 Claims in excess of 20  102 84 202 42 Independent claims in excess of 3  104 280 204 140 Multiple dependent claim, if not paid  109 84 209 42 **Reissue independent claims over original patent  |   |                |   |   |  |  |  |  |  |  |
| 103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 **Reissue independent claims over original patent  |   |                | For Depositories  |   |  |  |  |  |  |  |
| 102 84 202 42 Independent claims in excess of 3<br>104 280 204 140 Multiple dependent claim, if not paid<br>109 84 209 42 **Reissue independent claims over original patent  | 1 11                                    |                |   |   |  |  |  |  |  |  |
| 104 280 204 140 Multiple dependent claim, if not paid<br>109 84 209 42 **Reissue independent claims over original patent   |   |                |   |   |  |  |  |  |  |  |
| 109 84 209 42 **Reissue independent claims over original patent  | 1                                       |                |   |   |  |  |  |  |  |  |
| l and the state of   |   |                |   | ainal natant  |  |  |  |  |  |  |
|  | 110 18 210                              |                |   |   |  |  |  |  |  |  |

| FEE CALCULATION (continued)              |                     |            |              |  |             |  |
|--|---------------------|------------|--------------|--|-------------|--|
| 3.                                       | ADDITION            | NAL FEE    | S            |  |             |  |
| Large                                    | Entity              | Small E    | ntity        |  |             |  |
| Fee                                      | Fee                 | Fee        | Fee          |  |             |  |
| Code                                     | (\$)                | Code       | (\$)         | Fee Description  | Fee Paid    |  |
| 105                                      | 130                 | 205        | 65           | Surcharge - late filing fee or oath  |             |  |
| 127                                      | 50                  | 227        | 25           | Surcharge - late provisional filing fee or cover sheet                         |             |  |
| 139                                      | 130                 | 139        | 130          | Non-English specification  |             |  |
| 147                                      | 2,520               | 147        | 2,520        | For filing a request for ex parte reexamination                                |             |  |
| 099                                      | 8,800               | 099        | 8,800        | Request for inter parties reexamination  |             |  |
| 112                                      | 920*                | 112        | 920*         | Requesting publication of SIR prior to Examiner action                         |             |  |
| 113                                      | 1,840*              | 113        | 1,840*       | Requesting publication of SIR after Examiner action                            |             |  |
| 115                                      | 110                 | 215        | 55           | Extension for reply within first month   |             |  |
| 116                                      | 400                 | 216        | 200          | Extension for reply within second month  |             |  |
| 117                                      | 920                 | 217        | 460          | Extension for reply within third month   |             |  |
| 118                                      | 1,440               | 218        | 720          | Extension for reply within fourth month  | <del></del> |  |
| 128                                      | 1,960               | 228        | 980          | Extension for reply within fifth month   |             |  |
| 119<br>120                               | 320<br>320          | 219<br>220 | 160<br>160   | Notice of Appeal   |             |  |
| 121                                      | 320<br>280          | 220<br>221 |              | Filing a brief in support of an appeal   | <del></del> |  |
| 138                                      | 260<br>1,510        | 138        | 140<br>1,510 | Request for oral hearing   |             |  |
| 140                                      | 110                 | 240        | 1,510<br>55  | Petition to institute a public use proceeding Petition to revive – unavoidable |             |  |
| 141                                      | 1,280               | 241        | 640          | Petition to revive - unavoidable  Petition to revive - unintentional           | <del></del> |  |
| 142                                      | 1,280               | 242        | 640          | Utility issue fee (or reissue)   | <del></del> |  |
| 143                                      | 460                 | 243        | 230          | Design issue fee   |             |  |
| 144                                      | 620                 | 244        | 310          | Plant issue fee  |             |  |
| 122                                      | 130                 | 122        | 130          | Petitions to the Commissioner  |             |  |
| 123                                      | 50                  | 123        | 50           | Processing fee under 37 CFR 1.17(q)  |             |  |
| 126                                      | 180                 | 126        | 180          | Submission of Information Disclosure Stmt                                      |             |  |
| 581                                      | 40                  | 581        | 40           | Recording each patent assignment per   |             |  |
|  |                     |            |              | property (times number of properties)  |             |  |
| 146                                      | 740                 | 246        | 370          | For filing a submission after final rejection                                  |             |  |
|  |                     |            |              | (see 37 CFR 1.129(a))  |             |  |
| 148                                      | 110                 | 248        | 55           | Statutory Disclaimer   |             |  |
| 149                                      | 740                 | 249        | 370          | For each additional invention to be examined                                   |             |  |
| 179                                      | 740                 | 279        | 370          | (see 37 CFR 1.129(b))  |             |  |
| 169                                      | 900                 | 169        | 900          | Request for Continued Examination (RCE)  |             |  |
| 103                                      | 300                 | 109        | 900          | Request for expedited examination of a design application                      |             |  |
| 195                                      | 300                 | 195        | 300          | Publication fee for early, voluntary, or normal pub.                           |             |  |
| 196                                      | 300                 | 196        | 300          | Publication fee for republication  | A           |  |
| 194                                      | 130                 | 194        | 130          | Request for voluntary publication or republication                             |             |  |
| 098                                      | 130                 | 098        | 130          | Processing fee under 37 CFR 1.17(i) (except provisionals)                      |             |  |
| 091                                      | 1,280               | 091        | 1,280        | Acceptance of unintentionally delayed claim for priority                       | ,           |  |
| O415                                     | e (1e               | >          |              | ,  |             |  |
| Other                                    | Other fee (specify) |            |              |  |             |  |
| *Reduced by Basic Filing Fee Paid        |                     |            |              |  |             |  |
| SUBMITTED BY:                            |                     |            |              |  |             |  |
| Typed or Printed Name: Michael J. Mallie |                     |            |              |  |             |  |
| Signa                                    | ture:               | ~ Y        |              | Date: <u>December 28, 2001</u>   |             |  |
| Reg. I                                   | Number:             | 36,591     |              | Telephone Number: (408) 720-8300   | )           |  |

## "Express Mail" mailing label number: EL867648902US Date of Deposit: December 28, 2001 I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231. MICHELLE BEGAY Name of Person Mailing Paper or Fee December 28, 2001 Signature of Person Mailing Paper or Fee Date Signed